

Bid List No. 0657

SPECIFICATION

Property No. 177580

Resin Coated Phototypesetting Paper

General Characteristics

The resin coated photographic paper is to be coated with an emulsion suitable for use in phototypesetting work. The phototypesetting paper must be fast and have high contrast when developed. It must have wide development latitude and be capable of being processed at high speeds (14 feet per minute) in a Kodak Model 17-film processor. The phototypesetting paper must be usable in GPO's Information International, Inc. Phototypesetting machines using cathode ray tubes with p18 blue-green phosphor.

The paper should have a gamma value above 1.7. The contrast, whiteness and brightness of the developed paper should be equivalent to products currently used. The paper should have a minimum resolving power of 10.5 line pairs per millimeter.

Specific Requirements

D minimum.....0.8 maximum

D maximum.....1.35 minimum

Contrast.....No higher than 9 steps as determined by counting the number of steps on the gray scale between D minimum and a reflection density of 1.40. The fewer the steps the higher the contrast.

Whiteness.....19.6 maximum

Brightness.....79% minimum

Roll Sizes.....310 mm x 350-ft (106.7 m) The packaging shall conform to Specification #73.

Sample Requirement

A minimum of four rolls (310 mm x 350 ft., Spec. #73) is required for an initial performance test. GPO may purchase additional rolls if additional testing is necessary.

Qualified Products

Agfa Gevaset CX-L Paper

Kodak Pagi-Set

Kodak Typeset

Anitec 8020